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PATENT  
Attorney Docket No.: 020048-003121US

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On January 15, 2004

TOWNSEND and TOWNSEND and CREW LLP

By: Monique M. Butler *my Butler*

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

WILLIAM A. McMILLAN et al.

Application No.: Unassigned

Filed: Herewith

For: APPARATUS AND METHOD FOR  
CELL DISRUPTION

Customer No.: 20350

Confirmation No.: Unassigned

Examiner: Unassigned

Technology Center/Art Unit: Unassigned

PRELIMINARY AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to examination of the above-referenced application, please enter the following amendments and remarks:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 4 of this paper.